AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph on page 13, lines 14-21, with the following replacement paragraph:

The design of the sensor 205 is preferably provided substantially as described in ~~United States patent application serial number _____, attorney docket number 14737.737, filed on _____, and as described in~~ United States patent number 5,852,242, the disclosure ~~disclosures~~ of which is ~~are~~ incorporated herein by reference. In a preferred embodiment, as illustrated in FIGS. 3 and 4, the sensor 205 includes conductive plates 305, 306, 307, and 308, a measurement mass 309, and springs 301 for supporting the measurement mass 309 within the sensor 205.

Please replace the paragraph starting on page 13, line 22, and ending on page 14, line 5, with the following replacement paragraph:

In a preferred embodiment, the conductive plates 305, 306, 307, and 308 are substantially identical. The plates 305, 306, 307, and 308 may be formed from any number of conventional commercially available materials suitable for forming conductive plates. In a preferred embodiment, the plates 305, 306, 307, and 308 are provided substantially as described in one or more of the following: United States Patent number 5,852,242, United States Patent number 5,652,384, and United States Patent number 5,777,226, ~~and United States patent application serial number _____, attorney docket number 14737.737, filed on _____,~~ the disclosures of which are incorporated herein by reference. The plates 305, 306, 307, and 308 may be arranged within the sensor 205 in any manner suitable for initiating the interaction between the plates 305, 306, 307, and 308 necessary to create a sensor. In a preferred embodiment, the plate 305 is positioned substantially opposite the plate 306 and the plate 307 is positioned substantially opposite the plate 308.